

Curriculum: Algebra 2


Grade Range: 09 - 12

Subject: Mathematics

Algebra 2

Year at a Glance

Curricular Unit Algebra 2 Scope and Sequence (SY15/16)			Subject: Mathematics	
Instructional Unit				
Year at a Glance				
Algebra 2 Scope and Sequence (SY15/16)	Course Name	Algebra 2	Grade Level	High School
	Algebra 2 Common Core State Standards			
	Conceptual Category	Domain	Cluster/Essential Learning Goal	
	Number and Quantity	The Real Number System (N-RN)	ELG.MA.HS.N.1: Extend properties of exponents to rational exponents. (Major)	
		Quantities★ (N-Q)	ELG.MA.HS.N.3: Reason quantitatively and use units to solve problems. (Supporting)	
		The Complex Number System (N-CN)	ELG.MA.HS.N.4: Perform arithmetic operations with complex numbers. (Additional)	
			ELG.MA.HS.N.6: Use complex numbers in polynomial identities and equations. (Additional)	
	Algebra	Seeing Structure in Expressions (A-SSE)	ELG.MA.HS.A.1: Interpret structures of expressions. (Major)	
			ELG.MA.HS.A.2: Write expressions in equivalent forms to solve problems. (Major)	
		Arithmetic with Polynomials and Rational Expressions (A-APR)	ELG.MA.HS.A.4: Understand the relationship between zeros and factors of polynomials. (Major)	
			ELG.MA.HS.A.5: Use polynomial identities to solve problems. (Additional)	
			ELG.MA.HS.A.6: Rewrite rational expressions. (Supporting)	
		Creating Equations★ (A-CED)	ELG.MA.HS.A.7: Create equations that describe numbers or relationships. (Supporting)	
		Reasoning with Equations and Inequalities (A-REI)	ELG.MA.HS.A.8: Understand solving equations as a process of reasoning and explain reasoning. (Major)	
			ELG.MA.HS.A.9: Solve equations and inequalities in one variable. (Supporting)	
			ELG.MA.HS.A.10: Solve systems of equations. (Additional)	
			ELG.MA.HS.A.11: Represent and solve equations and inequalities graphically. (Major)	
	Functions	Interpreting Functions (F-IF)	ELG.MA.HS.F.1: Understand the concept of a function and use function notation. (Supporting)	
			ELG.MA.HS.F.2: Interpret functions that arise in applications in terms of the context. (Major)	
			ELG.MA.HS.F.3: Analyze functions using different representations. (Supporting)	
		Building Functions (F-BF)	ELG.MA.HS.F.4: Build functions that model a relationship between two quantities. (Major)	
			ELG.MA.HS.F.5: Build new functions from existing functions. (Additional)	
		Linear, Quadratic, and Exponential Models★ (F-LE)	ELG.MA.HS.F.6: Construct and compare linear, quadratic, and exponential models and solve problems. (Supporting)	
			ELG.MA.HS.F.7: Interpret expressions for functions in terms of the situation they model. (Additional)	
		Trigonometric Functions (F-TF)	ELG.MA.HS.F.8: Extend the domain of trigonometric functions using the unit circle. (Additional)	
			ELG.MA.HS.F.9: Model periodic phenomena with trigonometric functions. (Additional)	
	ELG.MA.HS.F.10: Prove and apply trigonometric identities. (Additional)			

Geometry	Expressing Geometric Properties with Equations (G-GPE)	ELG.MA.HS.F.11: Translate between the geometric description and equations for conic sections. (Additional)	
Statistics and Probability★	Interpreting Categorical and Quantitative Data★ (S-ID)	ELG.MA.HS.S.1: Summarize, represent, and interpret data on single count or measurement variables. (Additional)	
		ELG.MA.HS.S.2: Summarize, represent, and interpret data on two categorical and quantitative variables. (Supporting)	
	Making Inferences and Justifying Conclusions★ (S-IC)	ELG.MA.HS.S.4: Understand and evaluate random processes underlying statistical experiments. (Supporting)	
		ELG.MA.HS.S.5: Make inferences and justify conclusions from sample surveys, experiments, and observational studies. (Major)	
	Conditional Probability and the Rules of Probability★ (S-CP)	ELG.MA.HS.S.6: Understand independence and conditional probability and use them to interpret data. (Additional)	
ELG.MA.HS.S.7: Use the rules of probability to compute probabilities of compound events in a uniform probability model. (Additional)			
Yearlong Focus Standards			
Quantities ★ (N-Q)	N-Q.A.2: Reason quantitatively and use units to solve problems. ★ (Units 1–2, 5–6, 8)		
Seeing Structure in Expressions (A-SSE)	A-SSE.A.2: Use structures of expressions to identify ways to rewrite them (for example, see $x^4 - y^4$ as $(x^2)^2 - (y^2)^2$, thus recognizing it as a difference of squares that can be factored as $(x^2 - y^2)(x^2 + y^2)$). (Units 2, 5–8)		
Interpreting Functions (F-IF)	F-IF.B.4: For functions that model relationships between two quantities, interpret key features of graphs and tables in terms of quantities and sketch graphs showing key features given verbal descriptions of relationships. Key features include intercepts; intervals where functions are increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity. ★ (Units 4–6, 8)		
	F-IF.B.6: Calculate and interpret average rates of change of functions (presented symbolically or as tables) during specified intervals. Estimate rates of change from graphs. ★ (Units 4, 6, 8)		
	F-IF.C.9: Compare properties of two functions each represented in different ways (algebraically, graphically, numerically in tables, or by verbal descriptions) (for example, given a graph of one quadratic function and an algebraic expression for another, say which has the larger maximum). (Units 1–2, 5–6, 8)		
Building Functions (F-BF)	F-BF.A.1: Write functions that describe a relationship between two quantities. a. Determine explicit expressions, recursive processes, or steps for calculations from context. ★ (Units 1–2, 5–6)		
Interpreting Categorical and Quantitative Data ★ (S-ID)	S-ID.B.6: Represent data on two quantitative variables on scatter plots and describe how variables are related. a. Fit functions to data; use functions fitted to data to solve problems in context of data. Use given functions or choose functions suggested by context. Emphasize linear, quadratic, and exponential models. ★ (Units 1–2, 5–6)		
Standards for Mathematical Practice	1. Make sense of problems and persevere in solving them.		
	6. Attend to precision.		
Suggested Student Learning Objective (SLO) Statements			
<ul style="list-style-type: none">All students will be able to analyze orally and in writing multiple representations of functions in terms of context, convert from one representation to another, and compare and contrast properties of two or more functions. Functions include quadratic, exponential, logarithmic, polynomial, and trigonometric.All students will be able to create equations or functions to model mathematical or real-world situations, use these equations or functions to solve problems involving given situations, interpret solutions in terms of context, and justify reasoning orally and in writing. Functions include linear, quadratic, exponential, and trigonometric.			
Colorado 21st Century Skills  Critical Thinking and Reasoning: <i>Thinking Deeply, Thinking Differently</i> Information Literacy: <i>Untangling the Web</i> Collaboration: <i>Working Together, Learning Together</i> Self-Direction: <i>Own Your Learning</i> Invention: <i>Creating Solutions</i>		Mathematical Practices <ol style="list-style-type: none">1. Make sense of problems and persevere in solving them.2. Reason abstractly and quantitatively.3. Construct viable arguments and critique others' reasoning.4. Model with mathematics.5. Use appropriate tools strategically.6. Attend to precision.7. Look for and make use of structure.8. Look for and express regularity in repeated reasoning.	
Unit of Study		Length of Unit	Time Frame
1: Patterns and Recursion		14 days (6 lessons)	August 24–September 11, 2015
2: Linear Models and Systems		18 days (9 lessons)	September 14–October 7, 2015
3: Statistics		15 days (7 lessons)	October 8–30, 2015
4: Functions and Function Transformations		14 days (7 lessons)	November 3–20, 2015

5: Function Families: Exponential and Logarithmic Functions	21 days (6 lessons)	November 30, 2015–January 13, 2016
6: Function Families: Power, Quadratic, and Polynomial Functions	25 days (10 lessons)	January 14–February 19, 2016
7: Function Families: Rational Functions	8 days (4 lessons)	February 22–March 4, 2016
8: Function Families: Trigonometric Functions	28 days (7 lessons)	March 7–April 22, 2016
9: Probability	28 days (4 lessons + project)	April 25–June 2, 2016
*Number of days includes time for review, unit assessment, interim assessment, and PARCC tests.		
End-of-Year Fluency Recommendations		
<ul style="list-style-type: none"> Divide polynomials with remainders by inspection in simple cases. (A-APR.D.6) See structure in expressions and use this structure to rewrite expressions (i.e., factor by grouping, sum series, rewrite rational expressions). (A-SSE.A.2) Translate between recursive definitions and closed forms. (F-IF.A.3) 		
Guides for Preparing for CMAS (PARCC) Using Rigorous Tasks		

Curricular Unit Algebra 2 Units (SY15-16)	Subject: Mathematics
Instructional Unit	Year at a Glance
Unit 1: Patterns and Recursion	
Unit 2: Linear Models and Systems	
Unit 3: Statistics	
Unit 4: Functions and Function Transformations	

Assessment
<p>Assessment: Assessment Resources and Table of Contents A Mathematics, Grades: 09 - 12 Discovering Advanced Algebra: Assessment Resources, Introduction and Table of Contents A daar_fm a.pdf created by Jerald Murdock, Josephine Noah, David Rasmussen, Karen Wootten published by Key Curriculum Press DENVER PUBLIC SCHOOLS Material Bank</p>
<p>Assessment: Assessment Resources and Table of Contents B Mathematics, Grades: 09 - 12 Discovering Advanced Algebra: Assessment Resources and Table of Contents B daar_fm b.pdf created by Jerald Murdock, Josephine Noah, David Rasmussen, Karen Wootten published by Key Curriculum Press DENVER PUBLIC SCHOOLS Material Bank</p>
<p>Assessment: Final Exam A Mathematics, Grades: 09 - 12 Discovering Advanced Algebra: Assessment Resources, Final Exam A daar_Final ExamA.pdf created by Jerald Murdock, Josephine Noah, David Rasmussen, Karen Wootten published by Key Curriculum Press DENVER PUBLIC SCHOOLS Material Bank</p>
<p>Assessment: Final Exam B Mathematics, Grades: 09 - 12 Discovering Advanced Algebra: Assessment Resources, Final Exam B daar_Final ExamB.pdf created by Jerald Murdock, Josephine Noah, David Rasmussen, Karen Wootten published by Key Curriculum Press DENVER PUBLIC SCHOOLS Material Bank</p>

Assessment:Assessment Answers A
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Assessments Answers A
daar_ans a.pdf
created by Jerald Murdock, Josephine Noah, David Rasmussen, Karen Wootten
published by Key Curriculum Press
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Assessment:Assessment Answers B
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Assessments Answers B
daar_ans b.pdf
created by Jerald Murdock, Josephine Noah, David Rasmussen, Karen Wootten
published by Key Curriculum Press
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Resources

Resources:Discovering Advanced Algebra: Introduction
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Introduction
DAA_about.pdf
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published by Key Curriculum Press
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Resources:Discovering Advanced Algebra: Table of Contents
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Table of Contents
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published by Key Curriculum Press
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Resources:Discovering Advanced Algebra: Index
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Index
DAA_Index.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
published by Key Curriculum Press
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Resources:Discovering Advanced Algebra: Glossary
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Glossary
DAA_Glossary.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
published by Key Curriculum Press
DENVER PUBLIC SCHOOLS Material Bank

Resources:Algebra 2 Essential Learning Goals
Mathematics, Grades: 09 - 12
Algebra 2 Essential Learning Goals
11_Algebra_2_ELG_2012-13.pdf
created by Everyday Mathematics/Denver Public Schools
published by McGraw Hill/Wright Group/Denver Public Schools
DENVER PUBLIC SCHOOLS Material Bank

Resources:Calculator Programs and Data, TI-83 Apps, Inequality Guide
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Calculator Programs and Data, TI-83 Apps, Inequality Guide
Inequality Guide.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
published by Key Curriculum Press
DENVER PUBLIC SCHOOLS Material Bank



Resources: Calculator Programs and Data, TI-83 Apps, Probability Guide
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Calculator Programs and Data, TI-83 Apps, Probability Guide
Probability Guide.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
published by Key Curriculum Press
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Resources: Demonstrations with The Geometers Sketchpad, Introduction and Table of Contents
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Demonstrations with The Geometers Sketchpad, Introduction and Table of Contents
daadfigs_fm.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
published by Key Curriculum Press
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Resources: Demonstrations with The Geometers Sketchpad, Teachers Notes
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Demonstrations with The Geometers Sketchpad, Teachers Notes
daadfigs_tn.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
published by Key Curriculum Press
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Resources: Teaching and Worksheet Masters: Introduction and Table of Contents
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Teaching and Worksheet Masters, Introduction and Table of Contents
daatw_fm.pdf
created by Denver Public Schools
published by Denver Public Schools
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Resources: Teaching and Worksheet Masters
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Teaching and Worksheet Masters
daatw.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
published by Key Curriculum Press
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Resources: More Practice Your Skills, Introduction and Table of Contents
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: More Practice Your Skills
daapsa_fm.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
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Resources: More Practice Your Skills, Answers
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Answers
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published by Key Curriculum Press
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Resources: Discovering Advanced Algebra: Selected Answers
Mathematics, Grades: 09 - 12
Discovering Advanced Algebra: Selected Answers
DAA_Selected_Answers.pdf
created by Jerald Murdock, Ellen Kamischke, Eric Kamischke
published by Key Curriculum Press
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Resources: Key Math - Website Resources for Parents, Mentors, and Students - 3rd Edition
Mathematics, Grades: 09 - 12

Key Math - Website Resources for Parents, Mentors, and Students On this site, teachers (or students or parents) can access: Dynamic Algebra Explorations Condensed Lessons (in English and Spanish) More Practice Your Skills Calculator Notes and Programs Student Web Links
<http://www.keymath.com/x1735.xml>
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Standards aligned to this Curriculum

Standards	
CCSS.MA..HS.1.N Number and Quantity	<ul style="list-style-type: none"> CCSS.MA..HS.1.N Number and Quantity <ul style="list-style-type: none"> CCSS.MA.HS.1N-RN The Real Number System <ul style="list-style-type: none"> CCSS.MA.HS.1N-RN.A Extend the properties of exponents to rational exponents. CCSS.MA.HS.2N-Q Quantities. (See Modeling Conceptual Category 4 for additional information) <ul style="list-style-type: none"> CCSS.MA.HS.2N-Q.A Reason quantitatively and use units to solve problems. CCSS.MA.HS.3N-CN The Complex Number System <ul style="list-style-type: none"> CCSS.MA.HS.3N-CN.A Perform arithmetic operations with complex numbers. CCSS.MA.HS.3N-CN.C Use complex numbers in polynomial identities and equations.
CCSS.MA..HS.2.A Algebra	<ul style="list-style-type: none"> CCSS.MA..HS.2.A Algebra <ul style="list-style-type: none"> CCSS.MA.HS.A-1SSE Seeing Structure in Expressions <ul style="list-style-type: none"> CCSS.MA.HS.A-1SSE.A Interpret the structure of expression. CCSS.MA.HS.A-1SSE.B Write expressions in equivalent forms to solve problems. CCSS.MA.HS.A-2APR Arithmetic with Polynomials and Rational Expressions <ul style="list-style-type: none"> CCSS.MA.HS.A-2APR.B Understand the relationship between zeros and factors of polynomials. CCSS.MA.HS.A-2APR.C Use polynomial identities to solve problems. CCSS.MA.HS.A-2APR.D Rewrite rational expressions. CCSS.MA.HS.A-3CED Creating Equations (See Modeling Conceptual Category 4 for additional information) <ul style="list-style-type: none"> CCSS.MA.HS.A-3CED.A Create equations that describe numbers or relationships. CCSS.MA.HS.A-4REI Reasoning with Equations and Inequalities <ul style="list-style-type: none"> CCSS.MA.HS.A-4REI.A

		<p>Understand solving equations as a process of reasoning and explain the reasoning.</p> <ul style="list-style-type: none"> CCSS.MA.HS.A-4REI.B Solve equations and inequalities in one variable. CCSS.MA.HS.A-4REI.C Solve systems of equations. CCSS.MA.HS.A-4REI.D Represent and solve equations and inequalities graphically.
CCSS.MA..HS.3.F Functions	→	<ul style="list-style-type: none"> CCSS.MA..HS.3.F Functions <ul style="list-style-type: none"> CCSS.MA.HS.F-1IF Interpreting Functions <ul style="list-style-type: none"> CCSS.MA.HS.F-1IF.A Understand the concept of a function and use function notation. CCSS.MA.HS.F-1IF.B Interpret functions that arise in applications in terms of the context. CCSS.MA.HS.F-1IF.C Analyze functions using different representations. CCSS.MA.HS.F-2BF Building Functions <ul style="list-style-type: none"> CCSS.MA.HS.F-2BF.A Build a function that models a relationship between two quantities. CCSS.MA.HS.F-2BF.B Build new functions from existing functions. CCSS.MA.HS.F-3LE Linear, Quadratic, and Exponential Models (See Modeling Conceptual Category 4 for additional information) <ul style="list-style-type: none"> CCSS.MA.HS.F-3LE.A Construct and compare linear, quadratic, and exponential models and solve problems. CCSS.MA.HS.F-3LE.B Interpret expressions for functions in terms of the situation they model. CCSS.MA.HS.F-4TF Trigonometric Functions <ul style="list-style-type: none"> CCSS.MA.HS.F-4TF.A Extend the domain of trigonometric functions using the unit circle. CCSS.MA.HS.F-4TF.B Model periodic phenomena with trigonometric functions. CCSS.MA.HS.F-4TF.C Prove and apply trigonometric identities.
CCSS.MA..HS.6.S Statistics and Probability	→	<ul style="list-style-type: none"> CCSS.MA..HS.6.S Statistics and Probability <ul style="list-style-type: none"> CCSS.MA.HS.S-1ID Interpreting Categorical and Quantitative Data <ul style="list-style-type: none"> CCSS.MA.HS.S-1ID.A Summarize, represent, and interpret data on a single count or measurement variable. CCSS.MA.HS.S-1ID.B Summarize, represent, and interpret data on two categorical and quantitative variables. CCSS.MA.HS.S-2IC Making Inferences and Justifying Conclusions <ul style="list-style-type: none"> CCSS.MA.HS.S-2IC.A Understand and evaluate random processes underlying statistical experiments. CCSS.MA.HS.S-2IC.B Make inferences and justify conclusions from sample surveys, experiments, and observational studies. CCSS.MA.HS.S-3CP Conditional Probability and the Rules of Probability <ul style="list-style-type: none"> CCSS.MA.HS.S-3CP.A Understand independence and conditional probability and use them to interpret data. CCSS.MA.HS.S-3CP.B Use the rules of probability to compute probabilities of compound events in a uniform probability model.
ELG.MA.HS.A.1. Interpret the structure of expressions.	→	<ul style="list-style-type: none"> ELG.MA.HS.A.1. Interpret the structure of expressions.
ELG.MA.HS.A.2. Write expressions in equivalent forms to solve problems.	→	<ul style="list-style-type: none"> ELG.MA.HS.A.2. Write expressions in equivalent forms to solve problems.

ELG.MA.HS.A.4. Understand the relationship between zeros and factors of polynomials.	→	◦ ELG.MA.HS.A.4. Understand the relationship between zeros and factors of polynomials.
ELG.MA.HS.A.5. Use polynomial identities to solve problems.	→	◦ ELG.MA.HS.A.5. Use polynomial identities to solve problems.
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ELG.MA.HS.F.9. Model periodic phenomena with trigonometric functions.	→	◦ ELG.MA.HS.F.9. Model periodic phenomena with trigonometric functions.
ELG.MA.HS.F.10. Prove and apply trigonometric identities.	→	◦ ELG.MA.HS.F.10. Prove and apply trigonometric identities.
ELG.MA.HS.G.11. Translate between the geometric description and the	→	◦ ELG.MA.HS.G.11. Translate between the geometric description and the equation for a conic section.

equation for a conic section.	
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ELG.MA.HS.S.5. Make inferences and justify conclusions from sample surveys, experiments, and observational studies.	→ ◦ ELG.MA.HS.S.5. Make inferences and justify conclusions from sample surveys, experiments, and observational studies.
ELG.MA.HS.S.6. Understand independence and conditional probability and use them to interpret data.	→ ◦ ELG.MA.HS.S.6. Understand independence and conditional probability and use them to interpret data.
ELG.MA.HS.S.7. Use the rules of probability to compute probabilities of compound events in a uniform probability model.	→ ◦ ELG.MA.HS.S.7. Use the rules of probability to compute probabilities of compound events in a uniform probability model.

Course Mappings

Course Name	Course ID	Department	Grade Range	No. of Sections (Current Year)
ALGEBRA ADV INTEGRATED 2 S1	463201604347	04 - MATH	09 - 12	2
ALGEBRA ADV INTEGRATED 2 S1	471201604347	04 - MATH	09 - 12	5
ALGEBRA ADV INTEGRATED 2 S2	471201604348	04 - MATH	09 - 12	5
ALGEBRA ADVANCED 2 HONORS S1	450201604250	04 - MATH	09 - 12	3
ALGEBRA ADVANCED 2 HONORS S1	451201604250	04 - MATH	09 - 12	11
ALGEBRA ADVANCED 2 HONORS S1	452201604250	04 - MATH	09 - 12	2
ALGEBRA ADVANCED 2 HONORS S1	453201604250	04 - MATH	09 - 12	3
ALGEBRA ADVANCED 2 HONORS S1	455201604250	04 - MATH	09 - 12	3
ALGEBRA ADVANCED 2 HONORS S1	456201604250	04 - MATH	09 - 12	4
ALGEBRA ADVANCED 2 HONORS S1	466201604250	04 - MATH	09 - 12	1
ALGEBRA ADVANCED 2 HONORS S1	469201604250	04 - MATH	09 - 12	1
ALGEBRA ADVANCED 2 HONORS S1	475201604250	04 - MATH	09 - 12	4
ALGEBRA ADVANCED 2 HONORS S1	510201604250	04 - MATH	09 - 12	1
ALGEBRA ADVANCED 2 HONORS S2	451201604255	04 - MATH	09 - 12	11
ALGEBRA ADVANCED 2 HONORS S2	452201604255	04 - MATH	09 - 12	2
ALGEBRA ADVANCED 2 HONORS S2	453201604255	04 - MATH	09 - 12	3
ALGEBRA ADVANCED 2 HONORS S2	456201604255	04 - MATH	09 - 12	4

ALGEBRA ADVANCED 2 HONORS S2	466201604255	04 - MATH	09 - 12	1
ALGEBRA ADVANCED 2 HONORS S2	469201604255	04 - MATH	09 - 12	1
ALGEBRA ADVANCED 2 HONORS S2	475201604255	04 - MATH	09 - 12	4
ALGEBRA ADVANCED 2 HONORS S2	510201604255	04 - MATH	09 - 12	1
ALGEBRA ADVANCED 2 S1	450201604240	04 - MATH	09 - 12	10
ALGEBRA ADVANCED 2 S1	451201604240	04 - MATH	09 - 12	10
ALGEBRA ADVANCED 2 S1	452201604240	04 - MATH	09 - 12	5
ALGEBRA ADVANCED 2 S1	453201604240	04 - MATH	09 - 12	7
ALGEBRA ADVANCED 2 S1	453201614240	04 - MATH	09 - 12	1
ALGEBRA ADVANCED 2 S1	455201604240	04 - MATH	09 - 12	5
ALGEBRA ADVANCED 2 S1	456201604240	04 - MATH	09 - 12	9
ALGEBRA ADVANCED 2 S1	457201604240	04 - MATH	09 - 12	6
ALGEBRA ADVANCED 2 S1	461201604240	04 - MATH	09 - 12	3
ALGEBRA ADVANCED 2 S1	466201604240	04 - MATH	09 - 12	7
ALGEBRA ADVANCED 2 S1	467201604240	04 - MATH	09 - 12	8
ALGEBRA ADVANCED 2 S1	469201604240	04 - MATH	09 - 12	4
ALGEBRA ADVANCED 2 S1	471201604240	04 - MATH	09 - 12	7
ALGEBRA ADVANCED 2 S1	510201604240	04 - MATH	09 - 12	4
ALGEBRA ADVANCED 2 S1	605201604240	04 - MATH	09 - 12	6
ALGEBRA ADVANCED 2 S2	451201604241	04 - MATH	09 - 12	10
ALGEBRA ADVANCED 2 S2	452201604241	04 - MATH	09 - 12	5
ALGEBRA ADVANCED 2 S2	453201604241	04 - MATH	09 - 12	7
ALGEBRA ADVANCED 2 S2	453201614241	04 - MATH	09 - 12	1
ALGEBRA ADVANCED 2 S2	456201604241	04 - MATH	09 - 12	9
ALGEBRA ADVANCED 2 S2	457201604241	04 - MATH	09 - 12	6
ALGEBRA ADVANCED 2 S2	461201604241	04 - MATH	09 - 12	3
ALGEBRA ADVANCED 2 S2	466201604241	04 - MATH	09 - 12	7
ALGEBRA ADVANCED 2 S2	469201604241	04 - MATH	09 - 12	4
ALGEBRA ADVANCED 2 S2	471201604241	04 - MATH	09 - 12	5
ALGEBRA ADVANCED 2 S2	510201604241	04 - MATH	09 - 12	4
ALGEBRA ADVANCED 2 S2	605201604241	04 - MATH	09 - 12	4
ALGEBRAIC THINKING IIA	452201611452	04 - MATH	09 - 12	2
ALGEBRAIC THINKING IIA	453201611452	04 - MATH	09 - 12	1
HONORS/PB ADVANCED ALEGBRA S2	452201604355	04 - MATH	09 - 12	2
HONORS/PB ADVANCED ALEGBRA S2	453201604355	04 - MATH	09 - 12	1
MYP GEOMETRY S2	453201608009	04 - MATH	09 - 12	8

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